

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	148096	(free or unused or empty or blank or available) near2 space	US-PGPUB; USPAT	OR	ON	2006/06/21 17:12
L3	5	((snapshot or mirror\$3 or duplicat\$3 or backup or archiv\$3 or shadow\$3).ab. and (snapshot or mirror\$3 or duplicat\$3 or backup or archiv\$3 or shadow\$3).ti.) and (711/159,162.ccls. or 707/204.ccls.) and (snapshot same journal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 17:13
L4	846	l2 with threshold	US-PGPUB; USPAT	OR	ON	2006/06/21 17:12
L5	627	((snapshot or mirror\$3 or duplicat\$3 or backup or archiv\$3 or shadow\$3).ab. and (snapshot or mirror\$3 or duplicat\$3 or backup or archiv\$3 or shadow\$3).ti.) and (711/159,162.ccls. or 707/204.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 17:13
L6	11	4 and 5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 17:13
L7	846	4 or 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 17:14
L8	14	3 or 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 17:14
S3	3	("5086502" "5404508" "6301677"). PN.	US-PGPUB; USPAT	OR	ON	2006/06/20 22:01
S4	456	711/159.ccls.	US-PGPUB; USPAT	OR	ON	2005/07/18 15:59
S5	1302	711/161-162.ccls.	US-PGPUB; USPAT	OR	ON	2005/07/18 15:59
S6	20	S4 and S5	US-PGPUB; USPAT	OR	ON	2005/07/18 16:00
S7	1535	snapshot and journal	US-PGPUB; USPAT	OR	ON	2005/07/19 17:08

## EAST Search History

S8	2	S7 and S6	US-PGPUB; USPAT	OR	ON	2005/07/19 09:32
S9	35	S5 and S7	US-PGPUB; USPAT	OR	ON	2005/07/18 16:00
S10	75905	(snapshot or mirror\$3 or duplicat\$3 or backup or archiv\$3 or shadow\$3) and journal\$5	US-PGPUB; USPAT	OR	ON	2005/08/03 08:59
S11	577	S10 and "711"/\$.ccls.	US-PGPUB; USPAT	OR	ON	2005/07/19 09:33
S12	111	S10 and "711"/161-162.ccls.	US-PGPUB; USPAT	OR	ON	2005/07/19 09:33
S13	5863	(snapshot or mirror\$3 or duplicat\$3 or backup or archiv\$3 or shadow\$3) same journal\$5	US-PGPUB; USPAT	OR	ON	2005/07/19 09:33
S14	49	S12 and S13	US-PGPUB; USPAT	OR	ON	2005/07/19 09:55
S15	1306	(overwrit\$3 or remov\$3 or delet\$3) near5 journal	US-PGPUB; USPAT	OR	ON	2005/12/14 14:19
S16	10	S14 and S15	US-PGPUB; USPAT	OR	ON	2005/07/19 09:55
S17	3	(overwrit\$3 or remov\$3 or delet\$3) near5 journal with (margin or threshold or limit)	US-PGPUB; USPAT	OR	ON	2005/07/19 11:47
S18	442	(backup or shadow\$3 or mirror\$3 or archiv\$3 or snapshot) same (log or journal) same (threshold or limit or margin)	US-PGPUB; USPAT	OR	ON	2005/07/19 17:09
S19	778	(backup or shadow\$3 or mirror\$3 or archiv\$3 or snapshot) same (log or journal) same (threshold or limit or margin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/19 17:10
S20	130	(backup or shadow\$3 or mirror\$3 or archiv\$3 or snapshot) same (log or journal) same (threshold or limit or margin) same (delet\$3 or remov\$3 or overwrit\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/19 17:10
S21	43	S20 and 7??/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/07/19 17:11
S22	553	journal near3 writ\$4	US-PGPUB; USPAT	OR	ON	2005/08/03 08:59

## EAST Search History

S23	49	(journal adj entry) near\$ writ\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 10:16
S24	28	(snapshot or mirror\$3 or duplicat\$3 or backup or archiv\$3 or shadow\$3) and S23	US-PGPUB; USPAT	OR	ON	2005/08/03 09:00
S25	31	(snapshot or mirror\$3 or duplicat\$3 or backup or archiv\$3 or shadow\$3) and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 09:00
S26	1	(journal adj entry) and (first adj threshold) and (second adj threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 10:17
S27	2607	(snapshot or mirror\$3 or duplicat\$3 or backup or archiv\$3 or shadow\$3) and (first adj threshold) and (second adj threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 10:18
S28	36	S27 and "711"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 10:18
S29	202	((snapshot or mirror\$3 or duplicat\$3 or backup or archiv\$3 or shadow\$3).ab. or (snapshot or mirror\$3 or duplicat\$3 or backup or archiv\$3 or shadow\$3).ti.) and (first adj threshold) and (second adj threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 10:19
S30	31	((snapshot or mirror\$3 or duplicat\$3 or backup or archiv\$3 or shadow\$3).ab. and (snapshot or mirror\$3 or duplicat\$3 or backup or archiv\$3 or shadow\$3).ti.) and (first adj threshold) and (second adj threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 13:34

## EAST Search History

S31	3	S30 and "711"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 10:19
S32	10	((free or unused or unoccupied) adj space) same (first adj threshold) same (second adj threshold)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 12:33
S33	3425145	fixed?size adj header same variable?size data	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 12:34
S34	1	(fixed?size adj header) same (variable?size adj data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 12:35
S35	1	(fixed?size adj header) and (variable?size adj data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 12:35
S36	4	(fixed?size adj header) and variable?size	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 12:36
S37	5	(fixed adj2 size adj header) same (variable adj2 size adj data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 12:37
S38	10	(fixed adj2 size near3 header) same (variable adj2 size near3 data)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 12:38

## EAST Search History

S39	92584	((snapshot or mirror\$3 or duplicat\$3 or backup or archiv\$3 or shadow\$3).ab. and (snapshot or mirror\$3 or duplicat\$3 or backup or archiv\$3 or shadow\$3).ti.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 13:34
S40	299	S39 and 711/159,162.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 13:35
S41	1563	journal and snapshot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 13:35
S42	20	S40 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 13:35
S43	92584	((snapshot or mirror\$3 or duplicat\$3 or backup or archiv\$3 or shadow\$3).ab. and (snapshot or mirror\$3 or duplicat\$3 or backup or archiv\$3 or shadow\$3).ti.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 15:52
S44	299	S43 and 711/159,162.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/08/03 17:43
S45	3	((snapshot or mirror\$3 or duplicat\$3 or backup or archiv\$3 or shadow\$3).ab. and (snapshot or mirror\$3 or duplicat\$3 or backup or archiv\$3 or shadow\$3).ti.) and 711/159,162.ccls. and (snapshot same journal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/21 17:11
S46	156	(snapshot or (snap adj shot)) with threshold	US-PGPUB; USPAT	OR	ON	2005/12/14 09:32
S47	2030162	entry or event or input or journal or listing	US-PGPUB; USPAT	OR	ON	2005/12/14 09:33
S48	156	(snapshot or (snap adj shot)) with threshold	US-PGPUB; USPAT	OR	ON	2005/12/14 13:14

## EAST Search History

S49	2030162	entry or event or input or journal or listing	US-PGPUB; USPAT	OR	ON	2005/12/14 10:25
S50	20	S48 with S49	US-PGPUB; USPAT	OR	ON	2005/12/14 10:31
S51	13	("5175849"   "5403639"   "5761526"   "5819292"   "5915264"   "5956713"   "5963959"   "6023744"   "6038639"   "6105030"   "6289335"   "6289356"   "6341341").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/12/14 13:06
S52	42	(snapshot or (snap adj shot)) with threshold same differen\$6	US-PGPUB; USPAT	OR	ON	2005/12/14 14:08
S53	18091	threshold same (free or unused or empty or blank)	US-PGPUB; USPAT	OR	ON	2006/06/21 17:10
S54	156	(snapshot or (snap adj shot)) with threshold	US-PGPUB; USPAT	OR	ON	2006/04/12 13:32
S55	17	S53 and S54	US-PGPUB; USPAT	OR	ON	2005/12/14 14:09
S56	10	S53 same S54	US-PGPUB; USPAT	OR	ON	2005/12/14 14:09
S57	5636	threshold same (free or unused or empty or blank)	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 14:17
S58	6	(snapshot or (snap adj shot)) with threshold	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 14:17
S59	1	S57 same S58	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 14:17
S60	1	S57 and S58	USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/14 14:19
S61	706	(overwrit\$3 or remov\$3 or delet\$3 or eras\$4) with (snapshot or (snap adj shot))	US-PGPUB; USPAT	OR	ON	2005/12/14 14:21
S62	493	(overwrit\$3 or remov\$3 or delet\$3 or eras\$4) near5 (snapshot or (snap adj shot))	US-PGPUB; USPAT	OR	ON	2005/12/14 14:21
S63	4	(overwrit\$3 or remov\$3 or delet\$3 or eras\$4) near5 (snapshot or (snap adj shot)) with threshold	US-PGPUB; USPAT	OR	ON	2005/12/14 14:30

## EAST Search History

S64	78370	(overwrit\$3 or remov\$3 or delet\$3 or eras\$4) near5 (entry or event or input or journal or listing or differential)	US-PGPUB; USPAT	OR	ON	2005/12/14 14:30
S65	734	(overwrit\$3 or remov\$3 or delet\$3 or eras\$4) near5 (entry or event or input or journal or listing or differential) with threshold	US-PGPUB; USPAT	OR	ON	2005/12/14 14:31
S66	2	(overwrit\$3 or remov\$3 or delet\$3 or eras\$4) near5 (entry or event or input or journal or listing or differential) with threshold with (snapshot or (snap adj shot))	US-PGPUB; USPAT	OR	ON	2005/12/14 14:31
S67	2	(overwrit\$3 or remov\$3 or delet\$3 or eras\$4) near5 (entry or event or input or journal or listing or differential) with threshold same (snapshot or (snap adj shot))	US-PGPUB; USPAT	OR	ON	2005/12/14 14:31
S68	16	(overwrit\$3 or remov\$3 or delet\$3 or eras\$4) near5 (entry or event or input or journal or listing or differential) with threshold and (snapshot or (snap adj shot))	US-PGPUB; USPAT	OR	ON	2005/12/14 14:31
S69	0	copy adj on adj write	US-PGPUB; USPAT	OR	ON	2005/12/16 14:47
S70	0	copy adj on adj write	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/16 14:47
S71	379	"copy-on-write"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/16 14:47
S72	346	"copy-on-write"	US-PGPUB; USPAT	OR	ON	2005/12/16 14:48
S73	1	"20040268067"	US-PGPUB; USPAT	OR	ON	2006/04/12 12:13
S74	59	(snapshot or (snap adj shot)) with journal	US-PGPUB; USPAT	OR	ON	2006/04/12 13:33
S75	25	(recover\$4 or restor\$4 or retriev\$4) same S74	US-PGPUB; USPAT	OR	ON	2006/04/12 13:33
S76	17	(recover\$4 or restor\$4 or retriev\$4) with S74	US-PGPUB; USPAT	OR	ON	2006/04/12 13:59

## EAST Search History

S77	415	forward near3 journal	US-PGPUB; USPAT	OR	ON	2006/04/12 14:00
S78	233	(reverse or rewind or backward) near3 journal	US-PGPUB; USPAT	OR	ON	2006/04/12 14:00
S79	16	S77 same S78	US-PGPUB; USPAT	OR	ON	2006/04/12 14:01
S80	9	S74 same S79	US-PGPUB; USPAT	OR	ON	2006/04/12 14:01
S81	29	periodic near4 snapshot	USPAT	OR	OFF	2006/04/13 07:12
S82	2	"711"/\$.ccls. and S81	USPAT	OR	OFF	2006/04/13 07:12
S83	99	periodic near4 snapshot	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 07:12
S84	15	"711"/\$.ccls. and S83	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/13 07:12
S86	25	updat\$4 near5 (snapshot or archiv\$3) with journal\$5	US-PGPUB; USPAT	OR	ON	2006/06/20 22:06
S87	25	(updat\$4 near5 (snapshot or archiv\$3)) with journal\$5	US-PGPUB; USPAT	OR	ON	2006/06/20 22:06
S88	19	updat\$4 near5 snapshot with journal\$5	US-PGPUB; USPAT	OR	ON	2006/06/20 22:25
S89	1	"6839819".pn.	US-PGPUB; USPAT	OR	ON	2006/06/20 22:25



## EAST Search History

S90	75	( "20040139128"  "20050193031"  "6397351"  "6732125"  "6898688"  "20010010070"  "20010049749"  "20010056438"  "20020016827"  "20020078244"  "20030074523"  "20030115225"  "20030135650"  "20030177306"  "20030195903"  "20030220935"  "20030229764"  "20040010487"  "20040030837"  "20040044828"  "20040059882"  "20040088508"  "20040117572"  "20040128470"  "20040133575"  "20040139128"  "20040153558"  "20040163009"  "20040172577"  "20040250033"  "20050027892"  "20050039069"  "20050108302"  "4077059"  "4823261"  "5065311"  "5263154"  "5369757"  "5479654"  "5555371"  "5644696"  "5664186"  "5680640"  "5701480"  "5720029"  "5751997"  "5835953"  "5867668"  "5870758"  "5987575"  "6081875"  "6128630"  "6154852"  "6189016"  "6269381"  "6269431"  "6298345"  "6324654"  "6353878"  "6442706"  "6539462"  "6560614"  "6587970"  "6594781"  "6658434"  "6665815"  "6691245"  "6711409"  "6711572"  "6728747"  "6742138"  "6816872"  "6839819"  "6915315"  "6978282"  "6981114"). PN.	US-PGPUB; USPAT	OR	ON	2006/06/21 10:31
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